



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/816,016
Filing Date	04/01/2004
First Named Inventor	Shafirstein, G., et al.
Group Art Unit	3724
Examiner Name	
Attorney Docket Number	8793-53427

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
PSH	CA	WILLIAMS, P., et al., The Electrical and Dielectric Properties of Human Bone Tissue and Their Relationship with Density and Bone Mineral Content, Annals of Biomedical Engineering, Vol. 24, pp. 222-233, 1996.	
PSH	CB	RUSHING, L., et al., Guest Editorial-The Surgical Pathology Report: Standardizing the "Gold Standard," Journal of Surgical Oncology, 65: 1-2, May 1997.	
PSH	CC	PIRNIK, Z., et al., Detection of Oxytocin mRNA in Hypertonic Saline Fos-Activated PVN Neurons: Comparison of Chromogens in Dual Immunocytochemical and In Situ Hybridization Procedure, Endocrine Regulations, Vol. 36(1), pp. 23-30, 2002.	
PSH	CD	HIDETOSHI, I., Antigen Retrieval by Heating En Bloc for Pre-Fixed Frozen Material, The Journal of Histochemistry and Cytochemistry, Vol. 51(8), pp. 995-1003, August 2003.	
PSH	CE	GILLESPIE, J., et al., Evaluation of Non-Formalin Tissue Fixation for Molecular Profiling Studies, American Journal of Pathology, Vol. 160, No. 2, pp. 449-457, February 2002.	
PSH	CF	WADA, N., et al., Evaluation of Intraoperative Frozen Section Diagnosis of Sentinel Lymph Nodes in Breast Cancer, Japanese Journal of Clinical Oncology, 34(3), pp. 113-117, March 2004.	
PSH	CG	GARDELLA, D., et al., Differential Tissue Shrinkage and Compression in the z-axis: Implications for Optical Dissector Counting in Vibratome-, Plastic- and Cryosections, Journal of Neuroscience Methods, 124, pp. 45-59, March 2003.	
PSH	CH	PEYRIDIEU, J., et al., Critical Cooling and Warming Rates to Avoid Ice Crystallization in Small Pieces of Mammalian Organs Permeated with Cryoprotective Agents, Cryobiology, 33, pp. 436-446, August 1996.	

Examiner  
Signature

Date  
Considered

8/12/05



(use as many sheets as necessary)

**Complete if Known**

Application Number	10/816,016
Filing Date	04/01/2004
First Named Inventor	Shafirstein, G.
Group Art Unit	3724
Examiner Name	
Attorney Docket Number	8793-53427

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date Considered

8/12/05

+

(use as many sheets as necessary)

Sheet

1

of

3

Application Number	10/816,016
--------------------	------------

Filing Date	04/01/2004
-------------	------------

First Named Inventor	Shafirstein, G.
----------------------	-----------------

Group Art Unit	3724
----------------	------

Examiner Name

Attorney Docket Number	8793-53427
------------------------	------------

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (If known)			
PSH	AA	2003/0022271		Vonieff et al.	01-30-2003	
	AB	6,555,334		Petralli et al.	04-29-2003	
	AC	6,546,935		Hooven	04-15-2003	
	AD	6,528,279		Yokota et al.	03-04-2003	
	AE	6,387,653		Vonieff et al.	05-14-2002	
	AF	6,291,180		Chu	09-18-2001	
	AG	6,094,923		Rada	08-01-2000	
	AH	6,081,577		Webber	06-27-2000	
	AI	5,546,323		Bacus et al.	08-13-1996	
	AJ	5,533,342		Gordon	07-09-1996	
	AK	5,156,019		McCormick	10-20-1992	
	AL	4,996,406		Nakayama	02-26-1991	
	AM	4,883,993		Confalonieri et al.	11-28-1989	
	AN	3,832,923		Lassmann et al.	09-03-1974	
	AO	3,680,420		Blum	08-01-1972	
	AP	B1 3,680,420		Blum	07-11-1989	
	AQ	3,462,969		Grasenick et al.	08-26-1969	
	AR	6,209,437		Izvoztchikov et al.	04-03-2001	
	AS	5,048,300		Lihl	09-17-1991	
	AT	6,651,538		Tamura et al.	11-25-2003	
	AU	5,752,425		Asakura et al.	05-19-1998	
	AV	6,041,686		Lihl et al.	03-28-2000	
	AW	5,522,294		Krumdieck	06-04-1996	
	AX	6,253,653		Walter et al.	07-03-2001	

[illegible]

**Examiner  
Signature**

Date  
Considered

8/12/05

Please type a plus sign (+) inside this box →



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

3

### Complete if Known

Application Number	10/816,016
Filing Date	04/01/2004
First Named Inventor	Shafirstein, G.
Group Art Unit	3724
Examiner Name	
Attorney Docket Number	8793-53427

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
PSH	BA	AL-AMOUDI, A., et al., Amorphous solid water produced by cryosectioning of crystalline ice at 113 K. Journal of Microscopy 207(Pt 2): 146-53, August 2002.	
PSH	BB	BURNS, R., et al., Electrosurgical skin resurfacing: a new bipolar instrument. Dermatol Surg 25(7): 582-6, July 1999.	
PSH	BC	CHINPAIROJ, S., et al. A comparison of monopolar electrosurgery to a new multipolar electrosurgical system in a rat model. Laryngoscope 111(2): 213-7, February 2001.	
PSH	BD	DUFFY, S. The tissue and thermal effects of electrosurgery in the uterine cavity. Bailliere's Clinical Obstetrics and Gynaecology 9(2): 261-77, June 1995.	
PSH	BE	DUFFY, S., et al. In-vivo studies of uterine electrosurgery. British Journal of Obstetrics and Gynaecology 99(7): 579-82, July 1992.	
PSH	BF	FINK, L., et al. Real-time quantitative RT-PCR after laser-assisted cell picking. Nature Medicine 4(11): 1329-33, November 1998.	
PSH	BG	GHOSH, F., et al. Partial and full-thickness neuroretinal transplants. Exp Eye Res 68(1): 67-74, 1999.	
PSH	BH	HALBHUBER, K., et al. Modern laser scanning microscopy in biology, biotechnology and medicine. Annals of Anatomy 185(1): 1-20, January 2003.	
PSH	BI	KAN, R., et al. Free-floating cryostat sections for immunoelectron microscopy: Bridging the gap from light to electron microscopy. Microscopy Research and Technique 54(4): 246-53, 2001.	
PSH	BJ	KENNY-MOYNIHAN, M, et al. Immunohistochemical and In Situ Hybridization Techniques. Advanced Diagnostic Methods in Pathology, 91-118, 2002.	
PSH	BK	PROTHERO, J., et al., Three-Dimensional Reconstruction from Serial Sections, Computers and Biomedical Research 19(4), 361-373, August 1986.	
	BL	<del>New Products, Oscillating Tissue Slicer, Science, Vol. 300, June 6, 2003, p. 1588.</del>	
	BM	<del>NORTH, P., et al. A unique microvascular phenotype shared by juvenile hemangiomas and human placenta. Arch Dermatol 137(5): 559-70, May 2001.</del>	
PSH	BN	SALLEE, C., et al. Embedding of neural tissue in agarose or glyoxyl agarose for vibratome sectioning. Biotechnic & Histochemistry 68(6): 360-8, 1993.	

Examiner  
Signature

Date  
Considered

8/12/05

Please type a plus sign (+) inside this box →



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

### Complete if Known

Application Number 10/816,016  
Filing Date 04/01/2004  
First Named Inventor Shafirstein, G.  
Group Art Unit 3724  
Examiner Name  
Attorney Docket Number 8793-53427

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
PSH	BO	SHAFIRSTEIN, G., et al. A new mathematical approach to the diffusion approximation theory for selective photothermolysis modeling and its implication in laser treatment of port-wine stains, Lasers in Surgery and Medicine 34: 335-347, published online April 6, 2004.	
PSH	BP	STUART, D., et al. Embedding, sectioning, immunocytochemical and stereological methods that optimise research on the lesioned adult rat spinal cord. Journal of Neuroscience Methods 61(1-2): 5-14, 1995.	
PSH	BQ	VALVANO, J. W. AND J. PEARCE. Temperature measurements. Optical-thermal response of laser-irradiated tissue. New York, Plenum Press, 489-534, 1995.	
PSH	BR	VON MALTZAHN, W., et al., Electrosurgical Devices, in <u>The Biomedical Engineering Handbook</u> , Bronzino, J., ed., CRC Press, IEEE Press, Boca Raton, Florida, 1292-1300, 1995.	
PSH	BS	Website, <a href="http://www.che.utoledo.edu">http://www.che.utoledo.edu</a> , What is an Atomic Force Microscope, The University of Toledo, Toledo, Ohio, printed from website March 24, 2003, 2 pages.	
PSH	BT	Website, <a href="http://www.sst.ph.ic.ac.uk">http://www.sst.ph.ic.ac.uk</a> , The Atomic Force Microscope (AFM), Imperial College, London, UK, printed from website March 24, 2003, 2 pages.	
PSH	BU	Website, <a href="http://www.panasonicfa.com">http://www.panasonicfa.com</a> , Micro EDM Products, Panasonic Factory Automation Company, Elgin, Illinois, printed from website March 24, 2003, 3 pages.	
PSH	BV	Website, <a href="http://www.emsdiasum.com/ems/equipment/tissue_slicer.html">http://www.emsdiasum.com/ems/equipment/tissue_slicer.html</a> , EMS 400 Automatic Oscillating Tissue Slicer with Built-In Refrigeration, Electron Microscopy Sciences, Hatfield, Pennsylvania, at least as early as August 2003, 7 pages.	
PSH	BW	MCLEAN, M., et al., Three-Dimensional Reconstructions from Serial Sections, V. Calibration of Dimensional Changes Incurred During Tissue Preparation and Data Processing, Analytical and Quantitative Cytology and Histology 13(4), 269-278, August 1991.	

Examiner  
Signature

Date  
Considered

8/12/05